

TROPICAL CYCLONE 10B

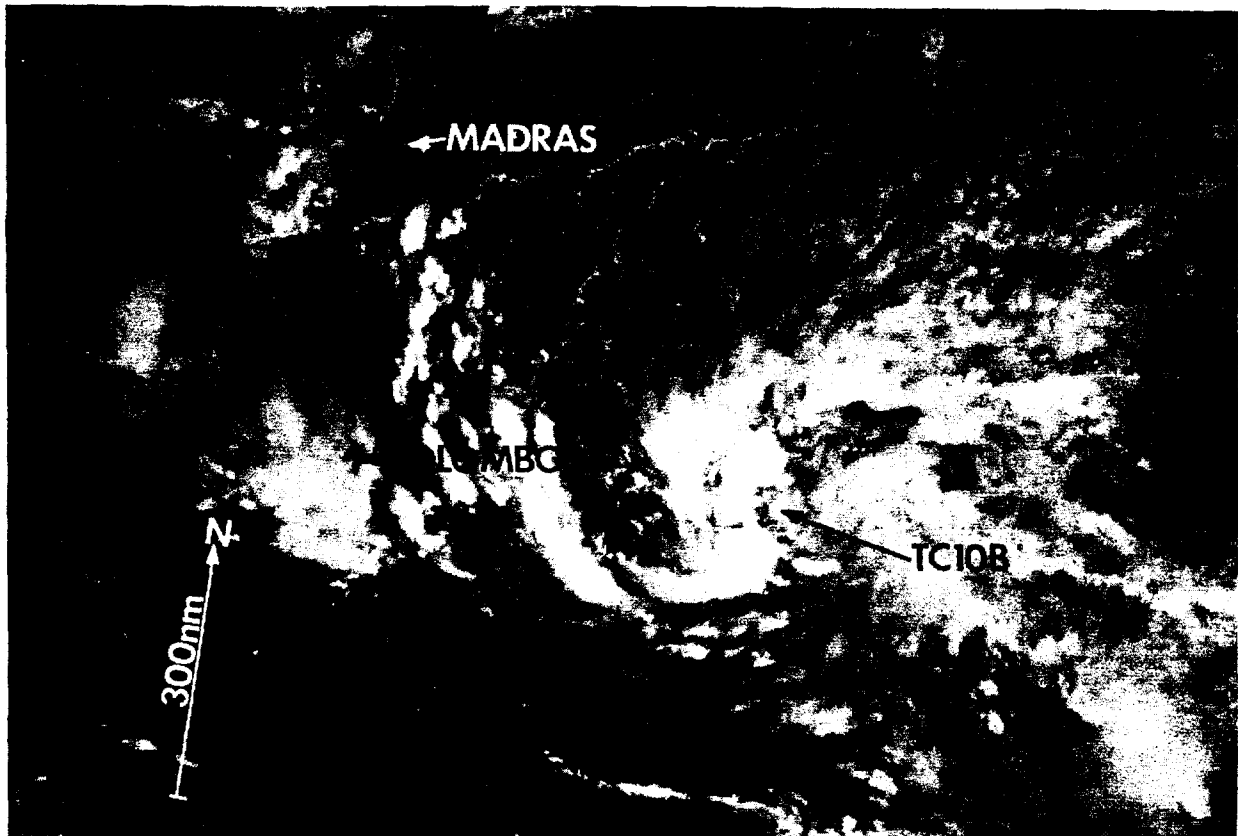


Figure 3-10B-1. TC10B consolidates its convection east of Sri Lanka (101516Z November DMSP moonlight visual imagery).

Forming in the South China Sea on 6 November, the tropical disturbance that became TC10B tracked westward across the Gulf of Thailand, Malay Peninsula, and into the Bay of Bengal on 8 November. Intensification was arrested by strong upper-level winds until the tropical disturbance was halfway across the Bay of Bengal. The cloud system was first mentioned on the 101800Z November Significant Tropical Weather Advisory and was rapidly followed by a Tropical Cyclone Formation Alert at 102200Z, and the first warning at 110000Z. TC10B intensified rapidly, reaching 55 kt (28 m/sec) prior to striking the southern tip of Sri Lanka, and then intensified again to 70 kt (36 m/sec) six hours prior to making landfall on the tip of India. The tropical cyclone tracked northwestward across India, weakened, and moved back offshore into the Arabian Sea where a slight reintensification occurred. As TC10B tracked further north, upper-level westerlies weakened it, and on 17 November it moved over India again. The final warning was issued by JTWC at 171800Z as the cyclonic circulation dissipated over land.